What is claimed is:

1. A contamination purification system for purification of an area contaminated with a volatile organic compound,

which is composed of an extraction well located in the contaminated area, gas suction/exhausting unit for extracting the volatile organic compound from the extraction well, vapor-liquid separator for separating water accompanying the extracted volatile organic compound, combustion/electric power generation unit for transforming energy produced by combusting the separated/recovered volatile organic compound into electric power, wherein the electric power produced combustion/electric power generation unit is used as a power for driving the contamination purification system.

2. A contamination purification system for purification of an area contaminated with a volatile organic compound,

which is composed of an air-injection well and extraction well located in at least one of the water-impermeable, water-saturated and waterunsaturated stratum all located in the contaminated area, (at the upper end when located in the water-impermeable stratum), an air injection and gas suction/exhausting unit for extracting the volatile organic compound from the extraction well, vapor-liquid separator for separating water volatile accompanying the extracted organic compound, and combustion/electric power generation unit for transforming energy produced by combusting the separated/recovered volatile organic compound into electric power, wherein the electric power produced combustion/electric power generation unit is used as a power for driving the contamination purification system.

3. A contamination purification system for purification of an area contaminated with a volatile organic compound.

which is composed of a water pumping up well located in the contaminated area, suction pump for lifting water containing a volatile organic compound through the pumping up well, decomposing unit for purifying the lifted water, deaeration unit for aerating the water purified by the decomposing unit to recover the volatile organic compound, and combustion/electric power generation unit for transforming energy produced by combusting the recovered volatile organic compound into electric power, wherein the electric power produced by the combustion/electric power generation unit is used as a power for driving the contamination purification system.

4. A contamination purification system for purification of an area contaminated with a volatile organic compound,

which is composed of an extraction well and water pumping up well all located in the contaminated area, gas suction/exhausting unit for extracting the volatile organic compound from the extraction well, vapor-liquid separator for separating water accompanying the extracted volatile organic compound, suction pump for lifting water containing a volatile organic compound through the pumping up well, decomposing unit for purifying the lifted water, deaeration unit for aerating the water purified by the decomposing unit to recover the volatile organic compound, and combustion/electric power generation unit for transforming energy produced by combusting the separated/recovered volatile organic compound into electric power, wherein the electric power produced combustion/electric power generation unit is used as a power for driving the contamination purification system.

5. A contamination purification system for purification of an area contaminated with a volatile organic compound,

which is composed of an air injection well, extraction well and water pumping up well all located in at least one of the water impermeable, water-saturated and water-unsaturated stratum in the contamination area (at the upper end when located in the water impermeable stratum), an air injection and gas suction/exhausting unit for extracting the volatile organic compound from the extraction well, vapor-liquid separator for separating water accompanying the extracted volatile organic compound, suction pump for lifting water containing a volatile organic compound through the pumping up well, decomposing unit for purifying the lifted water, deaeration unit for aerating the water purified by the decomposing unit to recover the volatile organic compound, and combustion/electric power generation unit for transforming energy produced by combusting the volatile organic compound, recovered by the vapor-liquid separator and deaeration unit, into electric power, wherein the electric power produced by the combustion/electric power generation unit is used as a power for driving the contamination purification system.

- 6. The contamination purification system of one of Claims 1 to 5, wherein said combustion/electric power generation unit uses a gas turbine.
- 7. The contamination purification system of one of Claims 3 to 5, wherein said decomposing unit decomposes the lifted water in the presence of ultraviolet ray or photocatalyst.